# Mountain Weather Forecast

## Peak District National Park

Forecast valid from 00:00 on Sunday 14 Feb 2021 until 23:59 on Monday 15 Feb 2021

Forecast Issued on Saturday 13 Feb 2021 at 16:54

**Confidence:** High for turning milder and remaining unsettled through the period, but lowering confidence in the timing and extend of the worst of the conditions for next week.

**Headline for Sunday 14 Feb 2021:** Unsettled with bands of snow then rain crossing the area. Severe gale force winds across higher summits. Dangerous conditions with drifting and severe wind chill, then quite extensive hill fog.

**Mountain weather hazards on Sunday 14 Feb 2021**

| | | |
|---|---|---|
| **Blizzards**<br>Low Likelihood | **Heavy Snow**<br>No Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>Medium Likelihood | **Severe chill effect**<br>Medium Likelihood | **Poor visibility**<br>Low Likelihood |
| **Thunderstorms**<br>No Likelihood | **Heavy persistent rain**<br>No Likelihood | **Strong sunlight**<br>No Likelihood |

| **Weather and chance of precipitation at 600m** | | | | | | | |
|---|---|---|---|---|---|---|---|
| Time | | | | | | | |
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | | | |
| Cloudy | Light snow | Dull | Light snow | Heavy snow | Light rain | Heavy Rain | Light rain |
| Precipitation probability | | | | | | | |
| 10% | 40% | 20% | 30% | 70% | 70% | 80% | 80% |

**Forecast for Sunday 14 Feb 2021**

**Weather:** A cloudy and unsettled day of change. Patchy light snow and perhaps freezing rain through to mid-morning. Heavier area of snow and rain crossing from the west from late morning, which turns to rain at all levels from around mid-afternoon, with outbreaks becoming patchy and light again for the evening.

**Chance of cloud free mountain/hill tops above 600m:** 85% at first becoming 35% from late morning.

**Visibility:** Generally a handful of kilometres in snow and rain, less in heavier snow and cloud with bases becoming extensive from 500-700m from late morning.

Check our weather forecast every day to get the most accurate and up to date information
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# Mountain Weather Forecast

**Forecast for Sunday 14 Feb 2021**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 33/46 SE | 33/48 SE | 35/48 SE | 37/51 SE | 38/50 SE | 39/53 S | 39/55 S | 31/46 S | 26/39 S |
| **300** | 27/40 SE | 26/42 SE | 29/42 SE | 32/47 SE | 32/47 SE | 31/44 S | 28/40 S | 22/33 S | 18/28 S |
| **Valley** | 14/31 SE | 8/20 E | 14/33 SE | 19/42 SE | 20/44 SE | 18/40 S | 16/37 S | 11/28 S | 9/23 S |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | -4/-14 | -1/-10 | -1/-10 | -1/-10 | -1/-10 | 1/-8 | 2/-6 | 3/-4 | 4/-2 |
| **300** | -2/-10 | -1/-9 | -1/-9 | 0/-8 | 1/-7 | 2/-5 | 3/-4 | 4/-1 | 5/-0 |
| **Valley** | -1/-7 | -0/-4 | 0/-6 | 1/-5 | 2/-4 | 3/-3 | 4/-1 | 5/1 | 5/2 |
| **Freezing Level*** | 00m | 00m | 00m | 100m | 300m | 1800m | 2100m | 2000m | 1800m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Potentially dangerous conditions at first with risk blizzards, drifting of lying snow and severe wind chill at height, with gusts reaching 60mph at times across most exposed ridges and summits. Also later with the hill fog becoming extensive from late morning.

**Recent rainfall:** measured at Cat & Fiddle: altitude 511m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 15:00 on Sat 13 Feb 2021 | N/A | N/A | N/A |

**Forecast for Monday 15 Feb 2021**

**Weather:** Rather cloudy with some patchy outbreaks of light rain crossing sporadically from the west.

**Maximum wind:** South or southwest mean 15-20mph with gusts reaching 30-35mph across most exposed ridges and summits.

**Chance of cloud free mountain/hill tops above 600m:** 40%

**Visibility:** Moderate or good, lowering to a few kilometres in rain, less in cloud with bases quite extensive from 500-700m.

**Temperature:** **Valleys:** Minus 2 Celsius rising 11 Celsius during the afternoon
**At 600m:** Plus 3-5 Celsius
**Freezing level:** Above summits

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